

FUNCTIONAL PROTEOMICS IN ENVIRONMENTAL HEALTH SCIENCE

Sponsored by:

**The Southwest Environmental Health Sciences Center,
The Arizona Cancer Center**

and the

**National Institute of Environmental Health Sciences
National Center for Toxicogenomics**



January 24, 2001

8:00 a.m. – 4:00 p.m.

**Peter Kiewit Auditorium, Arizona Cancer Center
The University of Arizona, Tucson AZ**

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- 8:00 Welcome: Daniel Liebler, Ph.D., Director, Southwest Environmental Health Sciences Center;
Raymond B. Nagle, M.D., Deputy Director, Arizona Cancer Center**
- 8:05 Introduction: Raymond W. Tennant, Ph.D., Director, National Center for Toxicogenomics, NIEHS;
Kenneth B. Tomer, Ph.D., NIEHS (Morning Session Chair)**
- 8:15 Julio Celis, Ph.D., Danish Centre for Human Genome Research, The University of Aarhus,
Aarhus, Denmark: “Proteomic Profiling with 2D gels. Applications to Biomarkers of Neoplastic
Disease”**
- 9:00 John R. Yates, III, Ph.D., Department of Cell Biology, Scripps Research Institute, La Jolla, CA,
“Mining Proteomes with LC-Tandem Mass Spectrometry: Pitfalls and Progress”**
- 9:45 Daniel C. Liebler, Ph.D., Southwest Environmental Health Sciences Center, University of Arizona,
Tucson, AZ, “Proteomics Approaches to Characterize Protein Targets of Environmental
Chemicals”**
- 10:30 Break**
- 10:45 Katheryn Resing, Ph.D., Howard Hughes Medical Institute University of Colorado, Boulder CO,
“Practical Limitations of Functional Proteomics of Eukaryotes”**
- 11:30 Stanley Hefta, Ph.D., Division of Functional Genomics, Bristol Myers Squibb, Princeton, NJ,
“Integrating Proteomics into a Functional Genomics Approach Directed at Drug Discovery”**
- 12:15-1:30 Lunch**
- 1:30 Workshop Discussion**
- 4:00 Adjourn**
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